



**LINK ELECTRONICS, INC.**

## VERTICAL INTERVAL VIDEO SWITCHER 8 X 2 MATRIX, SERIAL CONTROL MODEL VSW-822



### FEATURES

- ◆ 8 Source Inputs
- ◆ 2 Destination Outputs
- ◆ Serial Controlled
- ◆ Vertical Interval
- ◆ Wide Bandwidth
- ◆ Digital Switching
- ◆ One Rack Unit Cabinet
- ◆ Audio Follow Companion
- ◆ Audio & Video Break-away
- ◆ 7 Seg LED Reads Source #

The VSW-822 is a wide band-width vertical Interval switcher designed for the video professional. It has eight high Impedance looping inputs, two times. Each set of eight inputs may be looped for two destinations. It may also be configured to operate as two independent 8X1 switchers. Each set of eight inputs have one output.

Packaged in a 19" rack mountable cabinet, the VSW-822 features 8 inputs times two. The unit has high-quality push buttons, and LED digital readout of audio and video channels to show the selected input. Audio breakaway is selectable from the front panel. Serial control is provided through a D-Sub connector. Remote control is provided through a RJ-11 connector. Serial control characteristics are RS-232, RS-422 and RS-485.

Switching is accomplished during the vertical interval by using the vertical sync derived from the video at the output stage of the VSW-822 video switcher.

The VSW-822 is a video-only switcher with both sets of LED digital readouts for the audio and video selected. When connected with the PAF-821 audio follow unit, the VSW-822 selects the video and it's Companion audio. A three position front panel switch selects audio follow, audio breakaway, and video break-away. There is one output of the selected video on the rear panel.

**VSW-822 8 X 2 VIDEO SWITCHER  
SERIAL CONTROLLED**

**SPECIFICATIONS**

**INPUTS:**

Number: ..... Eight (8), two times  
Impedance: ..... 75Ω Terminated  
Configuration: ..... Single-ended  
Level: ..... 1Vpp ±3dB

**OUTPUTS:**

Number: ..... One (1)  
Destinations: ..... Two (2)  
Level: ..... Unity Gain  
Impedance: ..... 75Ω  
Frequency Response: ..... ±0.5dB to 15MHz  
..... -3dB to 30MHz  
Differential Phase: ..... <0.1,  
Differential Gain: ..... <0.1%  
Tilt: ..... <0.5%  
Propagation Delay: ..... 16.1 ns ±0.2ns (All Channels)  
Crosstalk: ..... >6OdB, Worst Case

**CONTROL SYSTEM:**

Control Port: ..... RS-232, RS-422 or RS-485

**ENVIRONMENTAL:**

Temperature: ..... 01 to 50, ambient  
Humidity: ..... 0% to 90% non-condensing

**POWER:**

Input: ..... 120/240 VAC ±10%  
Power: ..... 7.2 watts

**MECHANICAL:**

High: ..... 1.75"  
Wide: ..... 19"  
Deep: ..... 8.7"  
Weight: ..... 6.5 lbs.

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